Bell'O
simply...secure®

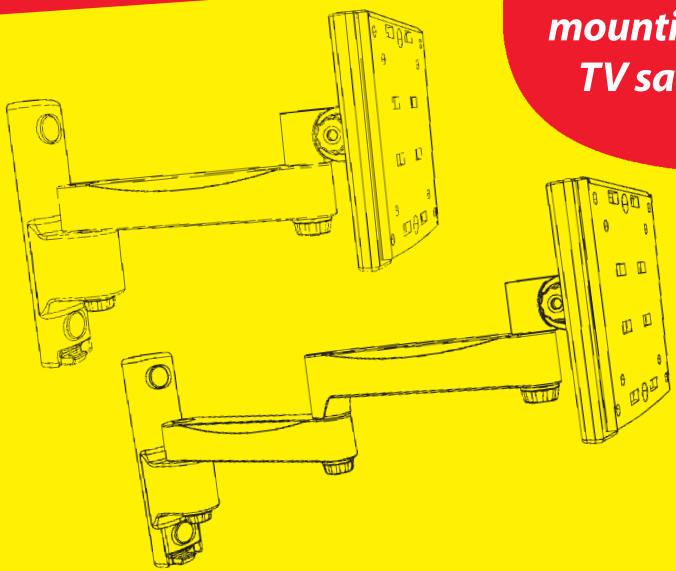
Quite possibly the world's easiest mounts to install!

Installation Guide for TV Wall Mounting Kit

FOR DUMMIES®

For 8160 & 8165 Mounting Brackets

A step-by-step guide for mounting your flat panel TV safely and easily!



English

Introduction

Congratulations on your decision to mount your TV with a TV Wall Mounting Kit For Dummies. The enclosed mounting bracket was engineered and designed by Bell'O International Corporation using the latest computer-aided design and stress-analysis software to ensure safety and durability when installed according to the instructions. It has been further tested and Listed by Underwriters Laboratories.

About This Manual

Mounting your TV on the wall can seem like an overwhelming task. This handy For Dummies® guide takes you through the process step-by-step to ensure the proper installation of your mount. Before starting this project, be sure to read the entire instruction manual and watch the included installation DVD for a complete demonstration. If at any time you are unclear about the directions and believe you need further assistance, contact the Bell'O® installation experts at 888-779-7781 from 9am – 5pm EST.

Icons Used in This Book

Don't be alarmed by the bomb in the icon. We just want to get your attention because making an error could be costly.

This is not really very technical stuff, just some details you need to really pay attention to.

Foolish Assumptions

Although our easy-to-install mounts and instructions simplify the process, mounting your TV still requires great care. We assume you're someone who, at minimum, has done odd jobs around the house and has some basic tools. You don't need to be a master carpenter or electrician to install this mount. With that said, if at any time you feel that you are uncertain or uncomfortable with doing the installation yourself, don't hesitate to call on a handyman or professional contractor/installer.

Precautions!

- **This mounting bracket was designed to be installed and utilized ONLY as specified in this manual. Bell'O International Corporation will not be responsible for failure to assemble as directed or for the improper assembly, use, or handling of this product.**

- **Improper installation of this product may cause damage or serious injury. Bell'O International Corporation cannot be liable for direct or indirect damage or injury caused by incorrect mounting, incorrect use, or incorrect assembly.**

- **If the mounting bracket will be attached to any structure other than those specified in this manual, only a licensed professional contractor/installer should perform this installation. The supporting structure must support, at minimum, four times the combined weight of the mounting bracket and TV. It is the responsibility and liability of the installer to ensure the suitability of the supporting structure.**

- **This product should NEVER be mounted to metal framing studs.**

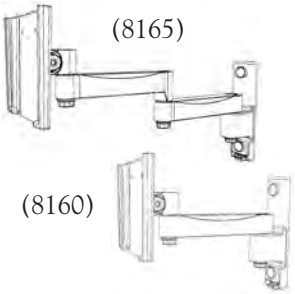
- **Check carefully to ensure that there are no missing or damaged parts. Never use defective parts. If any parts are damaged or missing, call Bell'O International Corporation at 888-779-7781 and parts will be shipped directly to purchaser. Please contact Bell'O International Corp. before attempting to return products to the point of purchase.**

- **Specifications are subject to change without notice.**

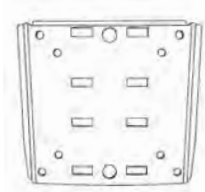
- **The maximum weight of your television cannot exceed the maximum weight rating of your mount or any attached Bell'O® UL listed adapters sold separately, whichever is lower.**

NEVER exceed the maximum load capacity of:	
TV Wall Mount 8160: 65 lbs (30 kg)	**TV Wall Mount 8165: 50 lbs (23 kg)**

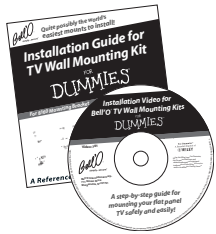
Parts Included in This Kit



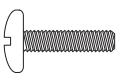
(EA) Extension Arm
Quantity: 1



(MP) Monitor Plate
Quantity: 1



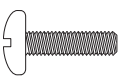
(IG) Installation Guide & DVD, Quantity: 1 each



(A) M4 x 12mm TV Mounting Screw, Quantity: 4

(B) M4 x 22mm TV Mounting Screw, Quantity: 4

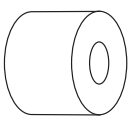
(C) M4 x 30mm TV Mounting Screw, Quantity: 4



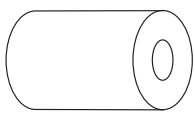
(G) M5 x 12mm Screw, Quantity: 4

(H) M5 x 22mm Screw, Quantity: 4

(I) M5 x 30mm Screw, Quantity: 4



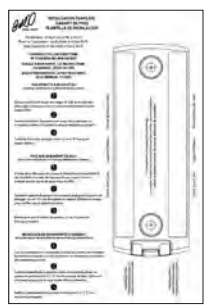
(D) M4/M5 Short Spacer, Quantity: 4



(E) M4/M5 Long Spacer, Quantity: 4

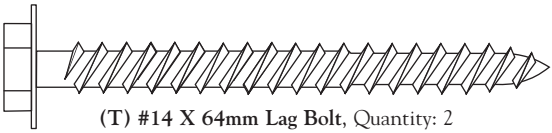
(F) M4/M5 Washer, Quantity: 4

(SS) M4 x 12mm Security Screw, Quantity: 2

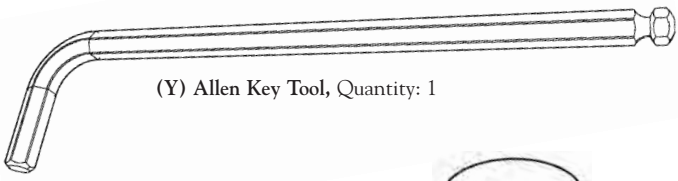


(IT) Installation Template, Quantity: 1

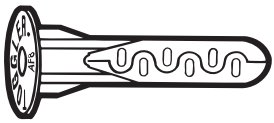
Parts Included in This Kit (continued)



(T) #14 X 64mm Lag Bolt, Quantity: 2

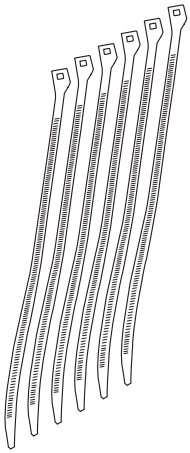


(Y) Allen Key Tool, Quantity: 1



(U) TOGGLER® brand AF8 ALLIGATOR® Anchor, Quantity: 2

(Z) Plastic Finishing Caps, Quantity: 2

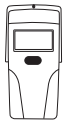


(WT) Wire Management Ties, Quantity: 6

TOGGLER® brand ALLIGATOR® SOLID-WALL ANCHORS are patented under one or more of US Patent numbers 5,161,296 and 5,938,385; and foreign counterparts thereof and of 4,752,170. Other patents pending. TOGGLER and ALLIGATOR are worldwide registered trademarks of Mechanical Plastics Corp.

Tools You Will Need

Phillips-head Screwdriver

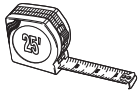


Stud Finder

Drill

Drill Bit
Wood 5/32" (4mm)
or Masonry 5/16" (8mm)

Pencil



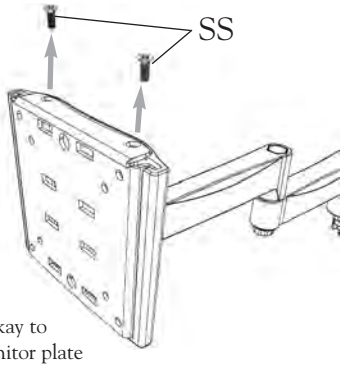
Tape Measure

Masking Tape

Level

Getting ready to hang the TV

Figure 1



The Monitor Plate (MP) was shipped pre-installed to the Extension Arm (EA). Before you begin, remove the two Security Screws (SS) as shown in Figure 1 and separate the two components. *Do not throw out the security screws* because you will need them later in the installation process.

Select the location where you want to mount the TV. Clear the area of all furniture and electronics. You will need some elbow room to mount the TV. You also want to make sure that your electronic devices are unplugged, covered, and out of way because you are about to start drilling holes, and that is likely to make dust. You will also need to leave space that you can use to mount the monitor plate onto the TV.

Your TV may have come with a stand installed. If it did, it is okay to leave it on for now as long as it does not interfere with the monitor plate installation. If not, you need to determine the best way to hold or rest your TV safely so you can attach the monitor plate. Placing the TV face-down can damage the fragile screen or decorative frame. You may want to get a friend to assist you in holding the TV. If you are uncertain of the safest way to do this, call the TV manufacturer for advice.

Step 1: Attaching the Monitor Plate

Your TV owner's manual generally explains where the mounting location is on the TV. There are several typical mounting configurations for this size bracket. The mounting hole distances are measured in millimeters per the VESA (Video Electronics Standards Association) specifications. Table 1 lists the inch and millimeter equivalents just in case you have to measure them.

Use a tape measure to check the distances between the horizontal and vertical mounting holes. If your mounting hole configuration is a Standard for this mount, as listed in Table 1, you're ready for the next step. If your hole configuration requires our For Dummies Adapter #8190 or other UL Listed adapters intended to be used with this mount (sold separately, visit www.BellO.com for other options), please refer to the instructions with that adapter for connecting the adapter to the monitor plate.

Table 1: Standard Monitor Mounting Configurations

	Height (mm)	Width (mm)	Height (inch)	Width (inch)	Screw Size
Standard	75	75	3.0	3.0	4mm
Standard	100	100	3.9	3.9	4mm
Adapter 8190	200	100	7.9	3.9	6mm
Adapter 8190	200	150	7.9	5.9	6mm
Adapter 8190	200	200	7.9	7.9	6mm

Who is VESA?

The Video Electronics Standards Association is an international nonprofit organization representing hardware, software, PC, display, and component manufacturers, cable and telephone companies, and service providers. VESA supports and sets industry-wide interface standards for the PC, workstation, and computing environments.

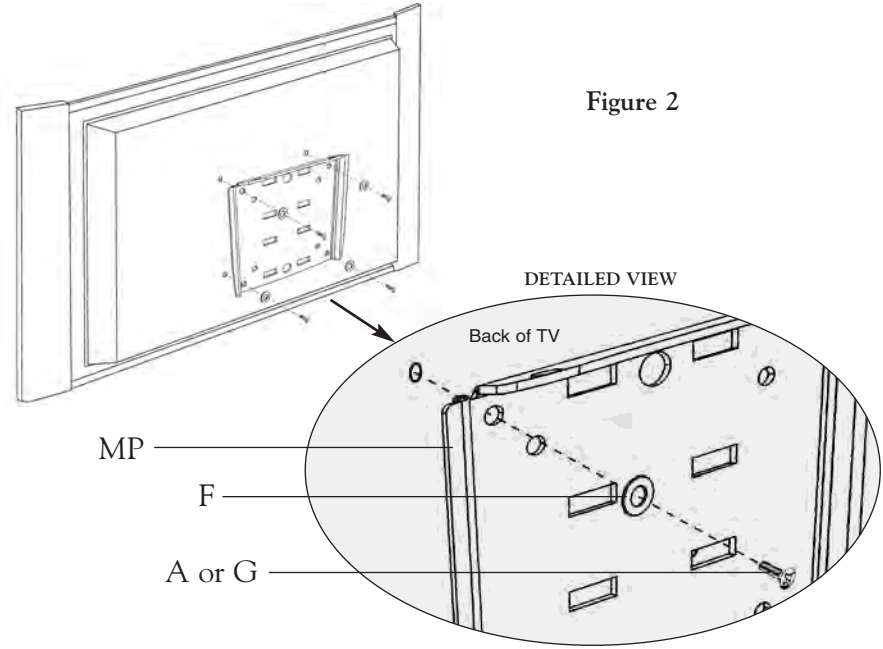
Choosing which screws to use

You're probably wondering why so many screws came with this mount. The screw sizes follow the standards set up by VESA for each mounting configuration.

Most monitors have the mounting holes flush with the back of the monitor. If yours is like this, use the short 12mm TV Mounting Screws (A or G) as shown in Figure 2. Make sure that the Washers (F) are placed between the screw and the Monitor Plate (MP). Don't place the washers between the monitor plate and the TV.

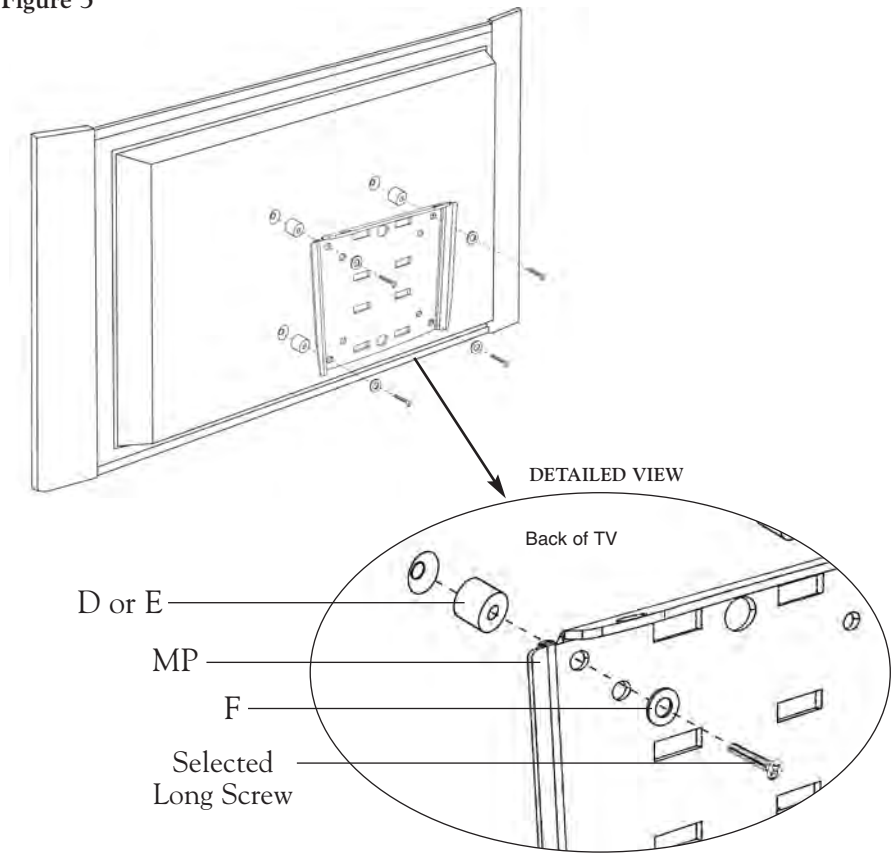
Don't use screws that are too long because they will not fully seat in the holes and can permanently damage the TV or mounting holes and cause the monitor to come loose.

Figure 2



Some monitors have mounting holes that are recessed. This kit includes longer Mounting Screws (Parts B, C, H & I) and Spacers (Parts D & E) for this configuration. The spacers are used to take up the space in the recessed hole as shown in Figure 3. The spacer you select must stick out past the back of the TV to ensure proper mounting. You *don't* want the spacer to be loose. The Monitor Plate (MP) needs to rest securely on the spacers.

Figure 3



Step 2: Securing the Monitor Plate Holder

Finding a wood stud to mount to

Using a stud finder, determine the exact location of the stud to which you want to attach the wall mount. Using an electronic stud finder works best because it gives you an indication of where the right and left sides of the stud are. After you determine the stud location, mark the right and left side of the stud as shown in Figure 4. These markings help you determine the center location of the stud for proper drilling. Line up the Installation Template (IT) with your pencil markings and tape it into place.

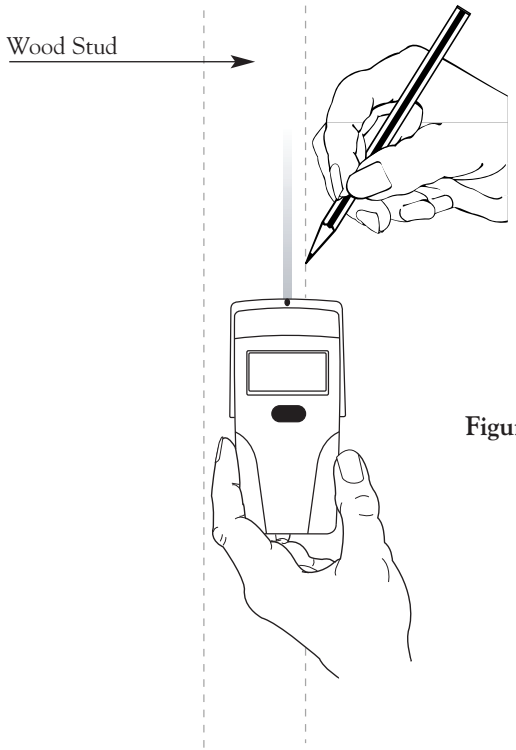
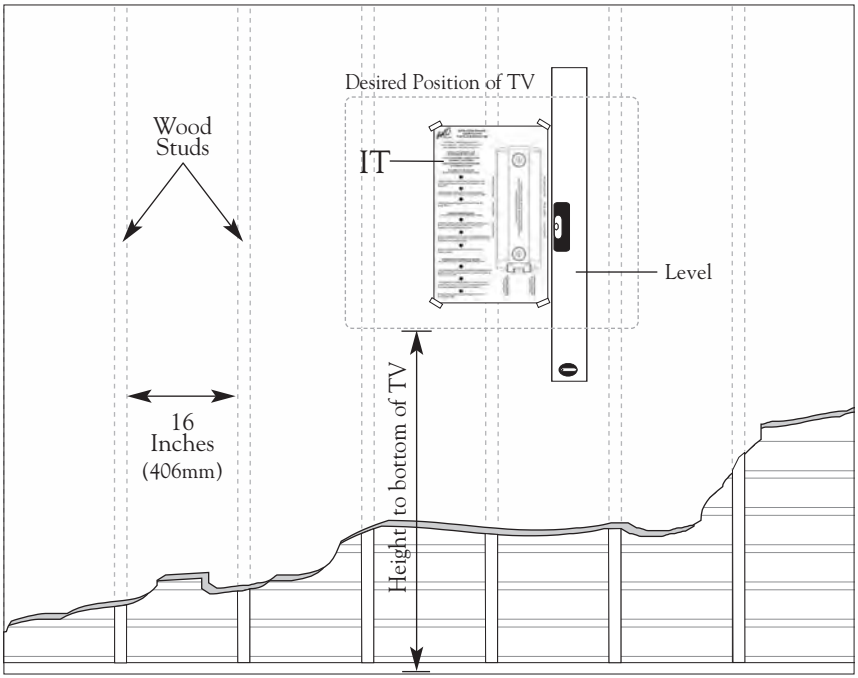


Figure 4

Determining the location of the TV

After the Monitor Plate (MP) has been mounted to the TV, you can now measure the distance from the bracket holes to the top and bottom of the TV to help determine the desired height of the TV on your wall. The reason that you need to take these measurements is because many monitors do not have the mounting location centered on the back of the monitor. To determine the exact height you want to mount the brackets, use the convenient Installation Template (IT) rather than holding the TV in place while you do all this measuring. Always make sure to use a level when placing the template. Measure from the floor up as shown in Figure 5, and using a pencil, make small marks on the wall to help you determine the desired TV height.

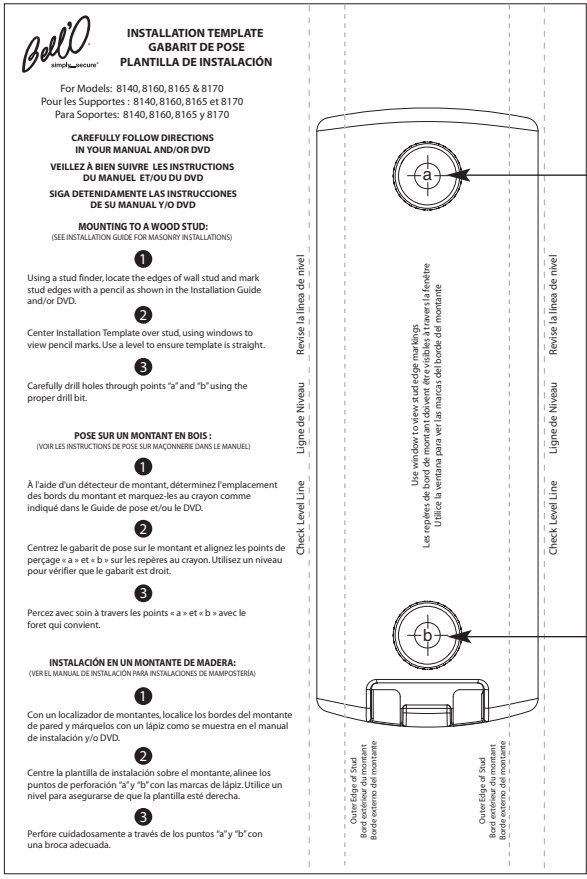
Figure 5



Using the Installation Template

The Installation Template (IT) included in this kit helps you select the correct positions for drilling the holes for the TV mounting. Figure 6 shows what the holes on the template represent.

Figure 6


INSTALLATION TEMPLATE
GABARIT DE POSE
PLANTILLA DE INSTALACIÓN
For Models: 8140, 8160, 8165 & 8170
Pour les Supportes : 8140, 8160, 8165 et 8170
Para Soportes: 8140, 8160, 8165 y 8170
CAREFULLY FOLLOW DIRECTIONS IN YOUR MANUAL AND/OR DVD
VEILLEZ À BIEN SUIVRE LES INSTRUCTIONS DU MANUEL ET/OU DU DVD
SIGA DETENIDAMENTE LAS INSTRUCCIONES DE SU MANUAL Y/O DVD
MOUNTING TO A WOOD STUD:
(SEE INSTALLATION GUIDE FOR MASONRY INSTALLATIONS)
1
Using a stud finder, locate the edges of wall stud and mark stud edges with a pencil as shown in the Installation Guide and/or DVD.
2
Center Installation Template over stud, using windows to view pencil marks. Use a level to ensure template is straight.
3
Carefully drill holes through points "a" and "b" using the proper drill bit.
POSE SUR UN MONTANT EN BOIS :
(VOIR LES INSTRUCTIONS DE POSE SUR MAÇONNERIE DANS LE MANUEL)
1
À l'aide d'un détecteur de montant, déterminez l'emplacement des bords du montant et marquez-les au crayon comme indiqué dans le Guide de pose et/ou le DVD.
2
Centrez le gabarit de pose sur le montant et alignez les points de perçage « a » et « b » sur les repères au crayon. Utilisez un niveau pour vérifier que le gabarit est droit.
3
Percez avec soin à travers les points « a » et « b » avec le foret qui convient.
INSTALACIÓN EN UN MONTANTE DE MADERA:
(VER EL MANUAL DE INSTALACIÓN PARA INSTALACIONES DE MAMPOSTERÍA)
1
Con un localizador de montantes, localice los bordes del montante de pared y márquelos con un lápiz como se muestra en el manual de instalación y/o DVD.
2
Centre la plantilla de instalación sobre el montante, alinee los puntos de perforación "a" y "b" con las marcas de lápiz. Utilice un nivel para asegurarse de que la plantilla esté derecha.
3
Perfore cuidadosamente a través de los puntos "a" y "b" con una broca adecuada.
Check Level Line
Ligne de Niveau
Revise la línea de nivel
Use window to view stud edge markings
Les repères de bord de montant doivent être visibles à travers la fenêtre
Utilice la ventana para ver las marcas del borde del montante
Outer Edge of Stud
Bord extérieur du montant
Borde externo del montante
a
b
DRILL HOLE "a"
DRILL HOLE "b"

You must be careful to accurately drill the holes or else the screws may not line up with the holes in your Extension Arm (EA).

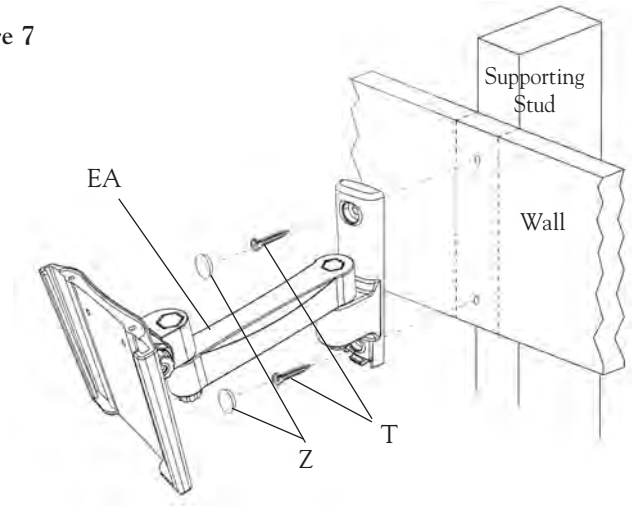
When mounting to a wood stud

Line up the Installation Template (IT) with the stud markings to ensure the proper location for your drill holes. After you have the position selected, tape the template in place securely on the wall with masking tape so that you don't damage the wall surface. Use a level to double check that the screw holes will line up vertically as shown in Figure 7. Drill two holes 2.5" (64mm) deep using a 5/32" (or 4mm) size drill bit in the "a" and "b" locations noted on the Installation Template.

When you have prepared the holes for mounting the Extension Arm (EA), place the extension arm over the holes and screw in the two Lag Bolts (T). Leave some "wiggle" room so that you can make any fine adjustments, if necessary. After making sure the extension arm is level, tighten all of the lag bolts completely.

Next insert the plastic Finishing Caps (Z) into the holes in the Extension Arm (EA) to cover up the Lag Bolts (T).

Figure 7

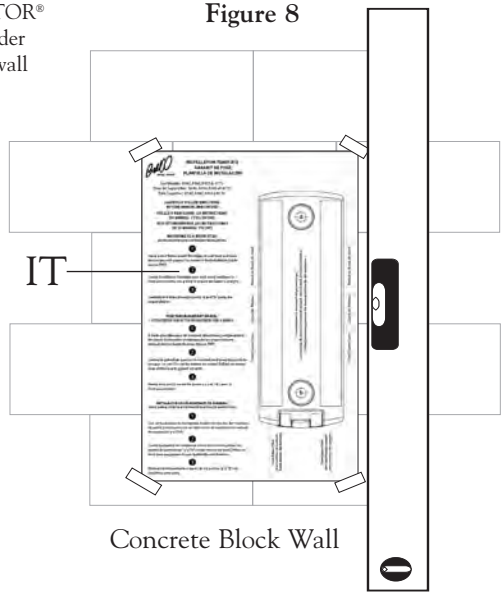


Tighten mounting screws so that the Extension Arm (EA) is firmly attached to the wall, but don't over-tighten! The mounting screws and/or the supporting surface can become damaged, which greatly reduces their holding ability. Final tightening of the mounting screws should always be done by hand, with a Phillips-head screwdriver or ratchet wrench.

When mounting to solid concrete or cinder block

This kit includes the TOGGLER® brand ALLIGATOR® Anchors (U) for mounting in concrete walls or cinder block. These patented anchors are the finest solid wall anchors on the market and offer excellent holding ability when properly installed.

Figure 8



After you have determined your desired TV location, tape the Installation Template (IT) in place securely on the wall with masking tape.

Use a level to double check that the screw holes line up vertically as shown in Figure 8.

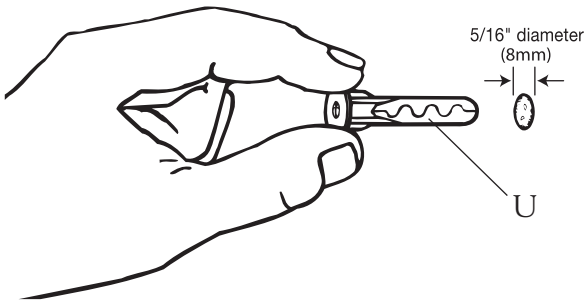
Carefully drill two holes using a 5/16" (or 8mm) masonry drill bit in the "a" and "b" locations noted on the Installation Template. *Each hole should be at least 3" (76mm) deep.*

Do not drill into mortar joints! Mortar joints are in between the concrete blocks where the cement is. These joints are typically not strong enough to hold heavy loads. You need to drill the holes at least one inch from the joint to provide adequate strength. Use a standard drill with a new masonry drill bit to drill the holes. Do not use a hammer drill because it can damage the hole or break out the back of the concrete wall which will not give adequate support to the anchor.

Because drilling an accurate and clean hole is essential to securing your mount, be sure to use a *new* drill bit. An old drill bit can not only make an uneven hole, it can also break out the back of the concrete block which can diminish the holding ability of the anchor.

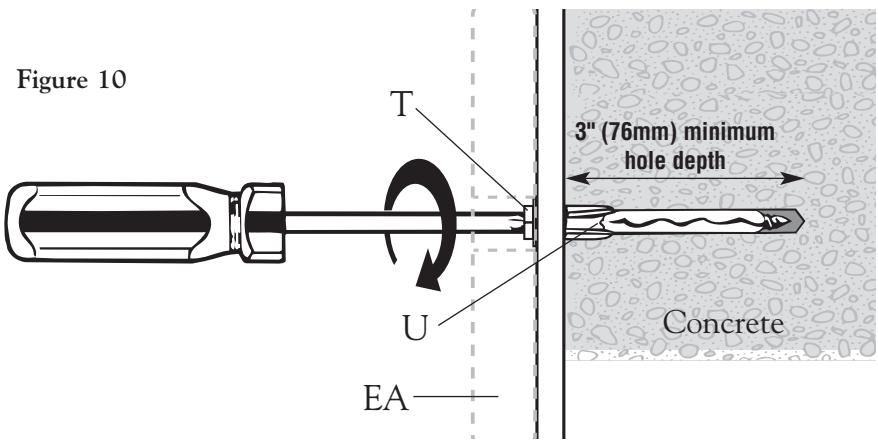
After the holes are drilled, remove the template and place two ALLIGATOR® Anchors (U) into the concrete wall as shown in Figure 9.

Figure 9



After you have prepared the two holes for mounting the Extension Arm (EA), install the extension arm by inserting the two Lag Bolts (T) through the mount and into the holes (See Figures 7 and 10). After checking that the extension arm is level, tighten both lag bolts fully, *but be careful not to over-tighten*.

Figure 10



Step 3: Mounting the TV

Getting the mount ready for attaching your TV

Tighten the "tilt" and "pan" knobs in the straight position using the supplied Allen Key Tool (Y) as shown in Figure 11. This step makes your mount stable and easy to assemble.

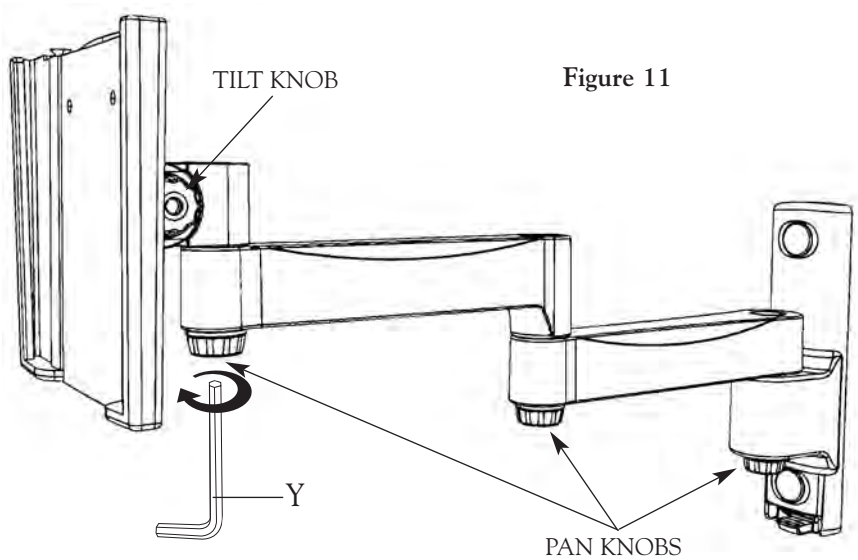


Figure 11

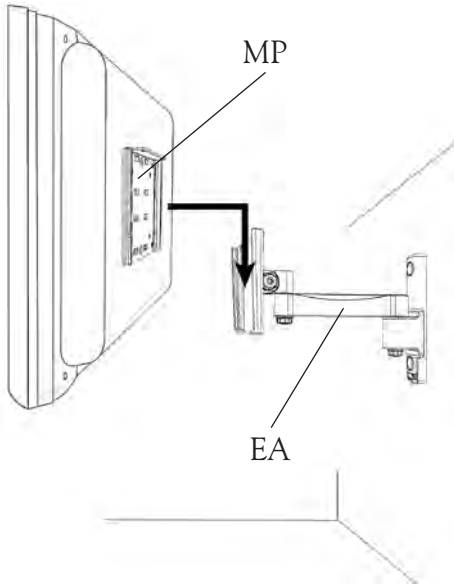
Don't forget those wires!

If your audio, video, and power cables will not be accessible after you mount the TV, you need to make those connections now. Before doing this, however, make sure all TV and component power cords are ***not*** plugged into any electrical outlets and your audio and video equipment is turned off. Make sure you leave enough slack so you can install the mount without any interference.

Mounting the TV

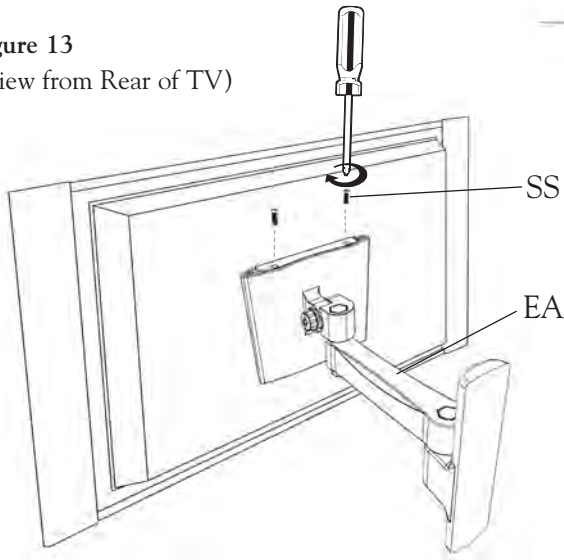
When you're ready to put the Monitor Plate (MP) onto the Extension Arm (EA), get a friend or an assistant to help you lift the TV and guide the monitor plate onto the extension arm as shown in Figure 12.

Figure 12



After you're confident that the TV with the Monitor Plate (MP) is properly seated into the Extension Arm (EA), you need to tighten the Security Screws (SS) using a Phillips-head screwdriver as shown in Figure 13. Because your TV is already attached to the extension arm, you need to work from *above and behind* the monitor to do this.

Figure 13
(View from Rear of TV)

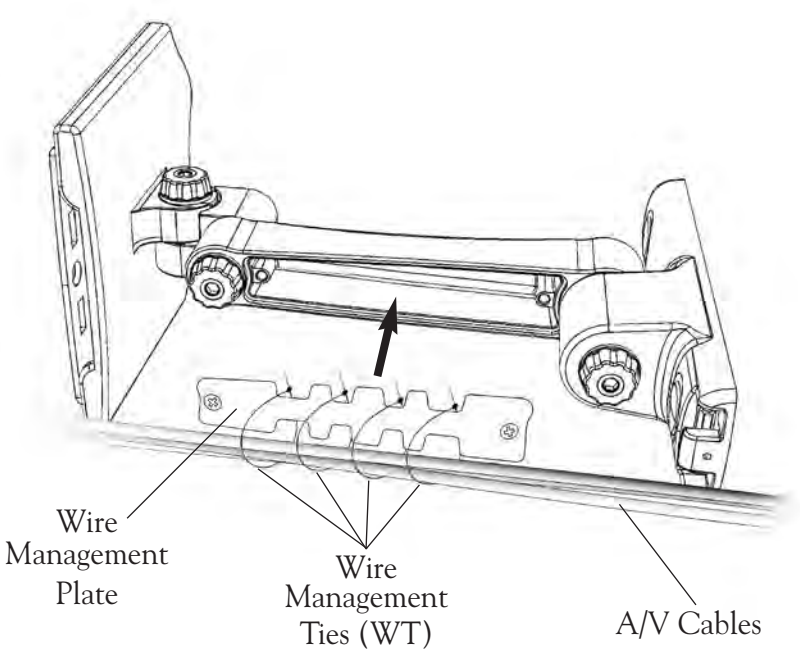


After the TV is installed, *carefully* try to lift it off to make sure it is secure. If it has been correctly installed, the TV should not move.

Using the wire management feature

Your TV Wall Mounting Kit For Dummies was designed with a unique feature which helps you manage all of your A/V wires and cables neatly and effortlessly. To use this feature, remove the Wire Management Plate from the bottom of the Extension Arm (EA) and wrap some of the Wire Management Ties (WT) around both the plate and your A/V cables, as shown in Figure 14. Pull the ties tight and re-attach the plate to the bottom of the extension arm. To maintain a neat look, make sure that the loose ends of the ties are tucked inside the extension arm before tightening the two screws in the plate with a Phillips-head screwdriver.

Figure 14
[View from underside of Extension Arm (EA)]



Adjusting your mount

After your TV is installed, you can adjust the tilt and horizontal position. The tilt knob carries the weight of the TV and *must* be tightened with the supplied Allen Key Tool (Y) after the desired position of the monitor is achieved. Tighten the tilt knob until the TV is firmly locked in position. Refer again to Figure 11 for information on locating each of these knobs.

Do not loosen the screw on the opposite side (see Figure 15) because it holds the tilt assembly together.

Figure 15

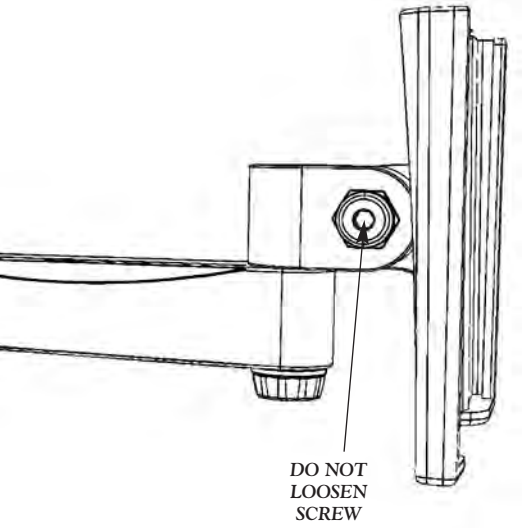
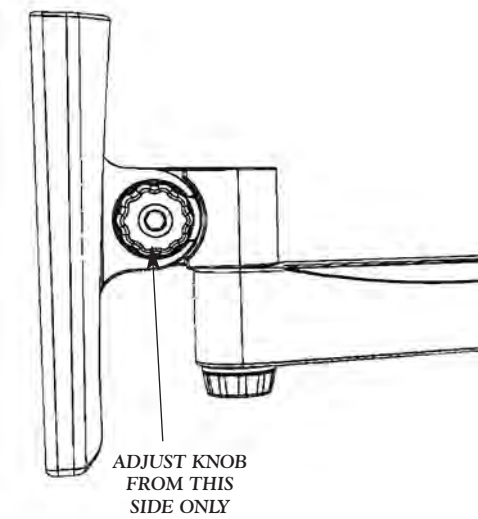


Figure 16

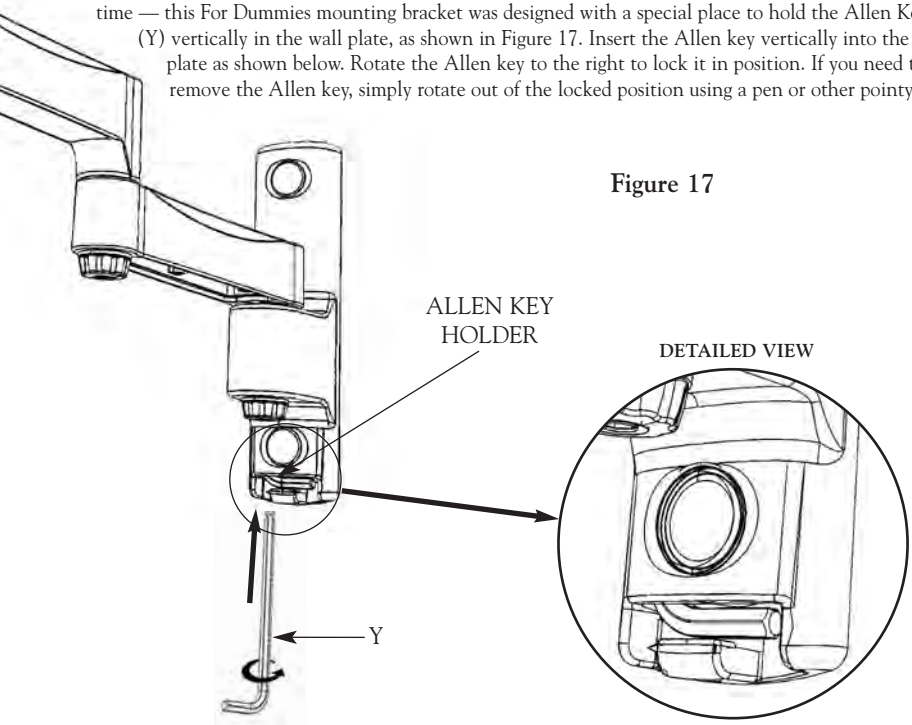


If you plan to adjust the position of your TV regularly, you can tighten the horizontal pan knob by hand (see Figure 16). To keep it in a permanently locked position, however, you need to tighten it with the supplied Allen key. *Under no circumstances should you completely loosen and/or remove any of these knobs.*

Storing the Allen Key Tool

Don't you hate it when you can't find important tools that came with your product? Not a problem this time — this For Dummies mounting bracket was designed with a special place to hold the Allen Key Tool (Y) vertically in the wall plate, as shown in Figure 17. Insert the Allen key vertically into the wall plate as shown below. Rotate the Allen key to the right to lock it in position. If you need to remove the Allen key, simply rotate out of the locked position using a pen or other pointy object.

Figure 17



If you need to remove the TV

Flat screen TVs are very heavy and extremely fragile. Exercise caution when removing the display from the mount to avoid equipment damage or personal injury.

If your cables are accessible, disconnect all power and A/V cables before removing the display from the Extension Arm (EA). If cables are not accessible, have an assistant remove the cables as soon as the TV is lifted off the extension arm. Also have the assisstant hold the TV as you loosen the Security Screws (SS) from the Monitor Plate (MP) using a Phillips-head screwdriver. Lift the TV straight up until it becomes free from the extension arm.

Visit www.BellO.com for more information on home theater furniture.

Visit www.Dummies.com for other great products, books, and free eTips!

Visit www.Paladin-Tools.com for information on the Cable & Satellite Installation Kit For Dummies.

Limited Lifetime Warranty

***[Please note:** You are responsible to inspect your mount thoroughly for missing or defective parts immediately after opening the box. To receive replacement or missing part(s) under this Warranty, visit our website at www.bello.com or call our Customer Service Department at 1-888-779-7781. Please have the model number, date code, part number(s) and your sales receipt or other proof of purchase available for reference. We will ship you any necessary replacement parts without charge at our expense.]*

This Bell'O International, Corp. ("Bell'O" or "we") mounting product SKU # 8160 or 8165 ("Product") is warranted for the life of the Product only to the original purchaser and limited to the original installation ("Warranty"). Re-installation of the Product in a different location or with a different monitor or peripheral voids this Warranty. This Warranty is only valid in the United States of America.

We warrant to the original purchaser that the Product and all parts and components thereof are free of defects in material and workmanship. "Defects", as used in this Warranty, is defined as any imperfections that impair the use of the Product.

Our Warranty is expressly limited to replacement of mount parts and components. Bell'O will replace any part listed on the enclosed mount parts sheet that is defective in material or workmanship only to the original owner within the limitations stated herein.

This Warranty applies only under conditions of normal use. The Product is not intended for outdoor use. This Warranty does not cover: 1) defects caused by improper installation or disassembly; 2) defects caused by shipping (claims for damage during transit to you should be made immediately by you directly to the transportation company); 3) defects occurring after purchase due to modification, intentional damage, accident, misuse, abuse, negligence, natural disaster, abnormal mechanical or environmental conditions, unauthorized disassembly, repair, modification or exposure to the elements; 4) cosmetic damage and 5) labor or assembly costs.

This Warranty does not apply if the Product has been repackaged or resold as second-hand.

There are no warranties, express or implied, including without limitation merchantability or fitness for particular use, except as (i) contained herein or (ii) required by applicable law in the state whose law governs. The substantive and procedural law of the State of New Jersey shall govern this Warranty, absent controlling law imposing the law of another state in lieu thereof as governing law. New Jersey Superior Court or the United States District Court for the District of New Jersey, as appropriate, shall retain exclusive jurisdiction over enforcement of this Warranty and all subject matter hereof. All warranties of whatsoever derivation shall be limited to the terms set forth herein, unless otherwise required by applicable law.

You shall not rely on manufacturers', employees' or representatives' statements, whether oral or written, which neither modify this Warranty nor are they part of either your purchase contract or this Warranty.

Except as provided herein, Bell'O has no liability or responsibility to you or any other person or entity with respect to any liability, loss or damage caused directly or indirectly by use of the Product, including, but not limited to, any incidental or consequential damages. Some states do not allow limitation on how long an implied warranty can last or the exclusion or limitation of incidental or consequential damages. Therefore, the above limitations and exclusion may not apply to you.

This Warranty covers only repair or replacement for this mount as stated above.

This Warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

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